

Contents Volume 25

Vol. 25, Nos 1&2 (January 1992)

Editorial	1
F.J. Pern and A.W. Czanderna Characterization of ethylene vinyl acetate (EVA) encapsulant: Effects of thermal processing and weathering degradation on its discoloration	3
L. Borrell, S. Cervera-March, J. Giménez, R. Simarro and J.M. Andújar A comparative study of CdS-based semiconductor photocatalysts for solar hydrogen production from sulphide + sulphite substrates	25
G. Gordillo Photoluminescence and photoconductivity studies on $\text{Zn}_x\text{Cd}_{1-x}\text{S}$ thin films	41
G. Smestad and H. Ries Luminescence and current-voltage characteristics of solar cells and optoelectronic devices	51
J.E. Parrott Thermodynamics of solar cell efficiency	73
J.W. Chu, A.J. Donohoo and D. Haneman Properties of $\text{CuIn}_{1-x}\text{Ga}_x\text{Se}_2$	87
A. Nemetz, A. Temmink, K. Bange, S. Cordoba de Torresi, C. Gabrielli, R. Torresi and A. Hugot-Le Goff Investigations and modelling of e^- -beam evaporated $\text{NiO}(\text{OH})_x$ films	93
P. Garikepati and T. Xue Study of the electrochromic film-solid electrolyte film interface ($\text{WO}_3/\text{Ta}_2\text{O}_5$) by impedance measurements	105
K. Chiba and K. Suzuki Effects of heterogeneous metal atoms on the stability of a silver layer of a heat mirror coating	113
K.G.T. Hollands, A. Karagiozis, A.P. Brunger and G. Brouwer Effect of selective surface degradation on the performance of solar water heating systems	125
N. Byars and D. Arasteh Design options for low-conductivity window frames	143
G.B. Smith, M.W. Ng, R.J. Ditchburn, P.J. Martin and R.P. Netterfield Cermets for angular selective transmittance	149

A. Ennaoui, G. Schlichthörl, S. Fiechter and H. Tributsch Vapor phase epitaxial growth of FeS ₂ pyrite and evaluation of the carrier collection in liquid-junction solar cell (PEC)	169
D. Soltz, L. Cescato and F. Decker Photoelectrochemical etching of n-InP producing antireflecting structures for solar cells	179
Announcement and Call for Papers	191
<i>Vol. 25, Nos. 3&4 (February 1992)</i>	
M.A. Habib and S.P. Maheswari Limiting concentration of hydrogen in an electrochromic tungsten trioxide film	195
D.R. Rosseinsky and P.M.S. Monk Electrochromic cyanophenylparaquat (CPQ: 1,1'-bis-cyanophenyl-4,4'-bipyridilium) studied voltammetrically, spectroelectrochemically and by ESR	201
R.J. Mortimer, D.R. Rosseinsky and A. Glidle Polyelectrochromic Prussian blue: a chronoamperometric study of the electrodeposition	211
M.C. Bernard, S. Cordoba-Torresi and A. Hugot-Le Goff Electrochromic phenomena in polyaniline films. Effect of pH and influence of the sweep range on cycling lifetimes studied by in situ Raman spectroscopy	225
M. Kitao, S. Yamada, S. Yoshida, H. Akram and K. Urabe Preparation conditions of sputtered electrochromic WO ₃ films and their infrared absorption spectra	241
A. Yasuda and J. Seto Electrochemical studies of molecular electrochromism	257
S.J. Babinec A quartz crystal microbalance analysis of ion insertion into WO ₃	269
D.A. Corrigan Durable electrochromic films of nickel hydroxide via chemical modifications	293
R.S. Conell, D.A. Corrigan and B.R. Powell The electrochromic properties of sputtered nickel oxide films	301
H.-T. Zhang, P. Subramanian, O. Fussa-Rydel, J.C. Bebel and J.T. Hupp Electrochromic devices based on thin metallopolymeric films	315
S.K. Deb Opportunities and challenges of electrochromic phenomena in transition metal oxides	327
A. Galal, A.E. Karagözler, R. Shabana, A. Amer, H. Zimmer and H.B. Mark Jr. Electrochromism and electrochemical characterization of soluble poly[3-alkylhetero(arylene)s]	339

	381
N. Kashiwazaki	
New complementary electrochromic display utilizing polymeric YbPc ₂ and Prussian blue films	349
O. Bohnke, M. Rezrazi, B. Vuillemin, C. Bohnke, P.A. Gillet and C. Rousselot	
"In situ" optical and electrochemical characterization of electrochromic phenomena into tungsten trioxide thin films	361
Author index	375
Contents Volume 25	379

